

New Mexico - Gallup Field Office

FY 2006 Ranking Criteria Worksheet - Irrigated Cropland

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____
 Tribal Land _____ Non-Tribal Land _____ Preliminary _____ Final _____ Date _____

1. Water Quantity - 140 Potential Points

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
% efficiency x % of area (before & after) x 2.0 = points earned			140		
Assumption: irr. eff. will not increase by more than 70%					
1. Water Quantity			Total		
Eff. X% Area Before or After Treatment X Potential Pts. = BM or After			Points		

2. Water Quality - 120 Potential Points

A. Surface Water Pollutants - 40 Points			
There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching.			
Distance of Surface Run-Off to Live Water	Potential Points	Benchmark Points	After Points
<100 Feet	40	0	
101 - 500 Ft.	30	0	
501 - 1,320 Ft.	20	0	
1,321 - 2,640 Ft.	10	0	
>2,640 Feet	5	0	
No Runoff	0	0	
A. Surface Water	Total		
B. Ground Water Pollutants - 80 Points			
There is a probability that irrigation water containing salt, pesticides, and/or other nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points will be awarded based on water table.			
Depth to Water Table	Potential Points	Benchmark Points	After Points
1 - 10 Ft or elimination of any direct discharge into ground water.	80		
10 - 50 Ft.	60		
50 -100 Ft.	40		
>100 Ft.	20		
B. Ground Water			
2. Water Quality	Total		

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3. Selected Conservation Practice(s) - 265 Potential Points

Any practice used in the ranking criteria and intended to be included in the conservation schedule of operations must be cost-shared. Higher priority (value) is given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Practices in this section are grouped, one or all practices may be used.			
	Potential Points	Percent of Need to be Installed	After Points
Water Quantity (Water Management for Irrigated Land)			
IRRIGATION WATER CONVEYANCE PRACTICES: 428A, 430CC, 430DD, 430EE, 430II, 430JJ, 441, 442, 587 (3 PTS. EA.)	27		
WATER CONSERVATION PRACTICES: 442, 464, 466 (3 PTS. EA.)	9		
RIPARIAN AREA ENHANCEMENT PRACTICES: 391,580, 657 (2 PTS. EA.)	6		
EROSION CONTROL PRACTICES: 329A, 329B, 329C, 380, 382, 512, 650 (2 PTS. EA.)	14		
Air Quality (Airborne Smoke and Dust)			
IRRIGATION WATER CONVEYANCE PRACTICES: 428A, 430CC, 430DD, 430EE, 430II, 430JJ, 441, 442, 587 (3 PTS. EA.)	27		
WATER CONSERVATION PRACTICES: 442, 464, 466 (3 PTS. EA.)	9		
EROSION CONTROL PRACTICES: 329A, 329B, 329C, 380, 382, 512, 650 (2 PTS. EA.)	14		
Animals Habitat (Food and Drinking Water)			
EROSION CONTROL PRACTICES: 329A, 329B, 329C, 380, 512, 650 (2 PTS. EA.)	14		
WILDLIFE PRACTICES: 516, 614, 648 (1 PT. EA.)	3		
RIPARIAN AREA ENHANCEMENT PRACTICES: 391,580, 657 (2 PTS. EA.)	6		
Soil Erosion (Sheet and Rill and/or Wind Erosion)			
IRRIGATION WATER CONVEYANCE PRACTICES: 428A, 430CC, 430DD, 430EE, 430II, 430JJ, 441, 442, 587 (3 PTS. EA.)	27		
WATER CONSERVATION PRACTICES: 442, 464, 466 (3 PTS. EA.)	9		
EROSION CONTROL PRACTICES: 329A, 329B, 329C, 380, 382, 512, 650 (2 PTS. EA.)	14		
Water Quality (Surface Water Contaminants, Suspended Sediment)			
IRRIGATION WATER CONVEYANCE PRACTICES: 428A, 430CC, 430DD, 430EE, 430II, 430JJ, 441, 442, 587 (3 PTS. EA.)	27		
WILDLIFE PRACTICES: 516, 614, 648 (1 PT. EA.)	3		
Plants Management (Establishment, Growth, and Harvest)			
IRRIGATION WATER CONVEYANCE PRACTICES: 428A, 430CC, 430DD, 430EE, 430II, 430JJ, 441, 442, 587 (3 PTS. EA.)	27		
WATER CONSERVATION PRACTICES: 442, 464, 466 (3 PTS. EA.)	9		
RIPARIAN AREA ENHANCEMENT PRACTICES: 391,580, 657 (2 PTS. EA.)	6		
EROSION CONTROL PRACTICES: 329A, 329B, 329C, 380, 382, 512, 650 (2 PTS. EA.)	14		
3. Selected Conservation Practices	Total		

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4. Other Considerations - 75 Potential Points

Below are some suggested, not required, criteria. If there are other criteria the D.C. wants to recommend based on LWG advice, please include them here.	Potential Points	Benchmark Points	After Points
A. Threatened and Endangered species are in the area and the contract will enhance habitat for the species.	15	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	20	0	
C. Treatment of this land enhances the benefits of an active/planned section 319 project.	10	0	
D. The land is within a NMED designated Category I watershed.	10	0	
E. Riparian areas will be enhanced in the contracted area.	10	0	
F. Eradicate/prevent infestation of Class A and/or B noxious weeds as designated by NMDA.	10		
4. Other Considerations	Total	0	

Total Points (After minus Benchmark): Sec 1 _____ Sec 2 _____ Sec 3 _____ Sec 4 _____ Worksheet Total _____

 Designated Conservationist

 Date